

New claims
26.06.00

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CLAIMS

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c1
1. Device for opening wings of a motor vehicle with
- an exterior handle (31) mounted on the exterior skin (8) of a motor vehicle and loaded with spring force, and
 - a closing system (5) fixed inside a bodywork space of the motor vehicle;
- more particularly for vehicle doors and vehicle hinged-lids,

characterised in that

- the exterior handle (31) has a holding fixture (31') which can be brought into contact in an interactive manner with a connecting element (40, 45) which can be inserted from the exterior skin (8),
- that one end of the connecting element (40, 45) is mounted displaceable on an insert part (32) which can be inserted from the exterior skin (8) and can be fixed relative to the exterior skin (8) and
- that the other end of the connecting element (40, 45) associated with the closing system (5) can be connected in active engagement with an actuating element (37) which unlatches a blocking element (6) of the closing system (5).

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a 4. Device according to claim 2 ~~or 3~~ characterised in
15 that the closing cylinder (32') engages with a follower
(36) of the closing system (5) through a rotatable paddle
(35).

a20 5. Device according to ^{claim 1} ~~at least one of the preceding~~
~~claims, characterised in that~~ a compression spring (41) is
supported between the insert part (32) and the connecting
element (40, 45) to resiliently support and restrict the
setting path of the exterior handle (31).

a 6. Device according to ^{claim 1} ~~at least one of the preceding~~
~~claims characterised in that~~ the exterior handle (31) for
resilient support is tensioned with a handle shell (33)
30 through a spring (70).

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- sub
c1
cont / a
- 5 7. Device according to *claim 1* ~~at least one of the preceding~~
~~claims characterised in that~~ the insert part (32) can be
fixed relative to the exterior skin (8) through at least
one opening (60, 61) in the interior skin (9).
- 10
a 8. Device according to *claim 1* ~~at least one of the preceding~~
~~claims characterised in that~~ the insert part (32) is
connected for positive locking engagement with the handle
shell (33).
- 15
a 9. Device according to *claim 1* ~~at least one of the preceding~~
~~claims characterised in that~~ the connection between the
locking element (6) and connecting element (40, 45) is
20 through snap or detent elements (39).
- a 10. Device according to *claim 1* ~~at least one of the preceding~~
~~claims characterised in that~~ the connection between the
25 blocking element (6) and connecting element (40, 45) is
through a separate connecting part (37) which can be
actuated through the interior skin (9).
- 30 11. Device according to claim 10 characterised in that
the interior skin (9) has at least one
assembly/dismantling opening (60') for producing and
releasing the connection between the connecting element
(40, 45) and the closing system (5).

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a

12. Device according to ~~at least one of the preceding~~
~~claims~~ characterised by a locking pawl as blocking
element.

claim 1

C1 cont

Figure 1 displays 12 histograms, labeled x_1 through x_{12} , showing the distribution of the number of non-zero elements in the vector x_k . The x-axis represents the count of non-zero elements (0 to 10), and the y-axis represents the frequency (0 to 10). The distributions are roughly bell-shaped and centered around 5-6, with some variation in spread and peak height.